

REPORT OF AWP COMPLETION

J. Huang 12/18/01

CALSITES I.D. # 13970001 (8 characters) DATE OF REPORT: 12/18/01

SITE NAME: NAVAL AIR FACILITY EL CENTRO (NAFEC)

Please circle the CalSites Activity Completed:

BWEBS	CEQA	CERFA	CERT	DCERT	DEED	DES	DISC	DLIST	ERA
FDNC	FORUM	FOSL	FOST	FRA	OM	ORDER	PEA	PPP	RA
RAP	RAW	RIFS	RMDL	SSESB	STAB	VOMP	5 YEAR		

Unit Description SITES 17

SPECIFIC UNIT DESCRIPTION:

SITE 17 - is a fire-fighting training area and measures approximately 57 by 112 feet and approximately 5 feet deep.
Contamination at the site is the result of burning fuel/water mixtures during fire-fighting training activities. Dioxins, furans,
Arocolor 1260 and phenanthrene were reported at concentrations above residential preliminary remediation goals (PRGs).

DESCRIPTION OF ACTIVITY:

During the RA at Site 17, approximately 3,000 yd³ (2042 yd³ of dioxin-impacted soil and 935 yd³ of TPH-impacted soil)
were excavated and disposed off-site. Of the 22 confirmation samples collected at Site 17, none showed chemical
concentrations exceeding the residential PRGs. A groundwater (GW) investigation was conducted to assess whether
contaminants in soil had migrated to GW. The GW sampling results were below the maximum contaminant levels and GW
has not been adversely impacted by the RA activities. Site 17 was backfilled with clean imported soil.

Remaining Work to be Done) NONE

Approximate Cost and Funding Source LESS THAN \$ 1 MILLION , DSMOA DERA FUNDED

PROJECT MANAGER <i>12/18/01</i> <i>Isaac Velazquez</i>	UNIT CHIEF <i>12/18/01</i> <i>Emad Zemt</i>	BRANCH CHIEF <i>glt</i>
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REQUIRED DOCUMENTATION PROVIDED: [] None [x]

INFORMATION FOR

REMOVAL ACTION / CERTIFICATION REPORT

Volume Remediated (Total)_____

Removed

Treated

Cubic Yards of Solids:

3000

Gallons of Liquid:

Did the activity include a CAP? (X or Blank)_____ Did the activity include a Fence? (X or Blank)_____

Did the activity include the decommissioning of a well? (X or Blank)_____

Groundwater Remediation Extraction Rate (GPM):_____

Cubic Feet per minute of Soil Vapor Extraction:_____

No. Acres of Land Returned / Released for reuse:_____

Bases on: Cleaned Up_____

 Evaluated & Found No Significant Risk_____


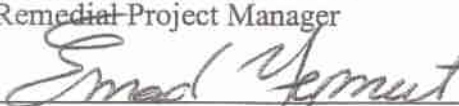

C - Commercial [] I - Industrial [] R- Residential [x] U - Unknown []

REMEDIAL ACTION CERTIFICATION

Removal Action at IRP Site 17 - Fire Fighting Training Area, Naval Air Facility El Centro

1. Certification of Remedial or Removal Action:

I hereby certify that the following information is true and correct to the best of my knowledge.

1.	 Remedial Project Manager	<u>12/18/01</u> Date
2.	 Unit Chief	<u>12/18/01</u> Date
3.	 John E. Scandura, Chief Southern California Branch Office of Military Facilities	<u>12/18/01</u> Date

2. Certification Statement:

Based upon the information which is currently and actually known to DTSC.

- ☒ DTSC has determined that all appropriate response actions have been completed, that all acceptable engineering practices were implemented and that no further removal/remedial action is necessary.
- ☐ DTSC has determined, based upon a remedial investigation or site characterization that the site poses no significant threat to public health, welfare or the environment and therefore implementation of removal/remedial measures is not necessary.
- ☐ DTSC has determined that all appropriate removal/remedial actions have been completed and that all acceptable engineering practices were implemented; however, the site requires ongoing operation and maintenance (O&M) and monitoring efforts. The site will be deleted from the "active" site list following (1) a trial operation and maintenance period and (2) execution of a formal written settlement between DTSC and the responsible parties, if appropriate. However, the site will be placed on DTSC's list of sites undergoing O&M to ensure proper monitoring of long-term clean-up efforts.

3. Site Name and Location: (Street address, County, City and zip code)

Naval Air Facility El Centro (NAFEC)

1605 3rd Street

El Centro, California 92243-5001

- A. List any other names that have been used to identify this site:

Naval Auxiliary Landing Field (NALF), Naval Air Station (NAS), Naval Auxiliary Air Station (NAAS), National Parachute Test Range (NPTR)

B. Address of site if different from above:

C. Assessor's Parcel Numbers: Not Applicable. Please refer to the attached certified site boundary survey.

4. Responsible Parties: (Use extra pages if necessary.)

Name: U. S. Navy

Title: Commanding Officer

Firm: Naval Air Facility El Centro

Address: 1605 3rd Street

City: El Centro Zip: 92243-5001

Telephone: (760) 337-5220

Relationship to site: such as generator, hauler, etc.

Current Landowner/Operator U.S. Navy

5. Brief Description and History of the Site: (Include previous and current uses of site, a brief description of the cleanup action and concentrations of significant hazardous substances left on site)

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phenanthrene were reported at concentrations above residential preliminary remediation goals (PRGs).

During the RA at Site 17, approximately 3,000 yd³ (2042 yd³ of dioxin-impacted soil and 935 yd³ of TPH-impacted soil) were excavated and disposed off-site. Of the 22 confirmation samples collected at Site 17, none showed chemical concentrations exceeding the residential PRGs. A groundwater (GW) investigation was conducted to assess whether contaminants in soil had migrated to GW. The GW sampling results were below the maximum contaminant levels and GW has not been adversely impacted by the RA activities. Site 17 was backfilled with clean imported soil.

6. Type of Site: (Check if appropriate response)

Included in Bond Expenditure Plan?

Yes _____ No X

RCRA-Permitted Facility _____ Bond-funded _____

RCRA Facility Closure _____ RP-funded _____

*NPL _____

Federal Facility X

Other (i.e., walk-in): _____ Explain Briefly: _____

7. Size of Site: (Based on Expenditure Plan definition of size)

Small _____ Medium X Large _____ Extra Large _____

8. Dates of Remedial or Removal Action:

A. Initiated January 2001 B. Completed March 5, 2001

X Removal Action (satisfactory abatement of site)

_____ Final Remedial Action

_____ RCRA enforcement/closure action

_____ No action, further investigation verified that no cleanup action at site was needed.

- A. Type of Remedial or Removal Action (e.g. Excavation and redispisal, cap, on-site treatment?):

Excavation and disposal of contaminated soil and backfill with clean soil

- B. Estimated quantity of waste associated with the site (i.e., tons/gallons/cubic yards) which was:

1. <u> </u> treated	Amount: <u> </u>
2. <u> </u> untreated	Amount: <u> </u>
3. <u> X </u> removed	Amount: <u> 3000 cubic yards </u>

10. Cleanup Levels/Standards

- A. What were the cleanup standards established by DTSC pursuant to the final remedial action plan (RAP) or workplan (if cleanup occurred as the result of a removal action (RA) prior to development of a RAP)?

U.S. EPA R9 PRGs for residential use

- B. Were the specified cleanup standards met? Yes X No

- C. If "no", why not:

11. DTSC Involvement in the Remedial or Removal Action:

- A. Did DTSC order the Remedial or Removal Action?

Yes No X Date of order

- B. Did DTSC review and approve (the following plans/procedures?) (Indicate date of review/approval if done):

Sampling Analysis Procedures Date 11/2000

Health & Safety Protections Date 11/2000

Removal/Disposal Procedures Date 11/2000

Removal Action Plan Date 11/2000

- C. If site was abated by a responsible party, did DTSC receive a signed statement from a licensed professional on all phases of the Remedial Actions? (Indicate date of statement)

Remedial Action Plan

Date 11/2000

Design & Construction Specifications

Date 11/2000

Post Construction

Date 9/2001

- D. Did a registered engineer or geologist verify that acceptable engineering practices were implemented?

Yes X No Name Greg Cagle, R.G # 6354., Bechtel Project
Manager, Date 11/2001

- E. Did DTSC confirm completion of all Remedial Actions?

Yes X No Date of Verification 12/11/2001

(i.e. manifest, sampling, demonstrated installation and operation of treatment)

- F. Did DTSC (directly or through a contractor) actually perform the Remedial Action?

Yes No X Name of Contractor:

- G. Was there a community relations plan in place? Yes X No

- H. Was a remedial action plan developed for this site? Yes X No

- I. Did DTSC hold a public meeting regarding the draft RAP? Yes X No

- J. Were public comments addressed?

Yes No X Date of DTSC analysis and response: No comments
were received from the public.

- K. Are all of the facts cited above adequately documented in the DTSC files?

Yes X No

If no, identify areas where documentation is lacking

12. EPA Involvement in the Remedial or Removal Action:

- A. Was the EPA involved in the site cleanup? Yes No X

- B. If yes, did EPA concur with all remedial action? Yes No

- C. EPA comments

EPA staff involved in cleanup:

13. Other Regulatory Agency Involvement in the Cleanup Action:

Agency:

Activity:

<u>X</u>	RWQCB	<u>Review reports</u>	<u>David Virginia 760-776-8973</u>
<u>X</u>	IWMB	<u>Review reports</u>	<u>Scott Humpert 916-341-6359</u>
<u>X</u>	CDFG	<u>Review reports</u>	<u>Scott Flynt 916-324-4428</u>
<u>X</u>	Other agencies that reviewed the CEQA document:		
	<u>Caltrans</u>		
	<u>Dept. of Parks and Recreation.</u>		
	<u>State Lands Commission.</u>		
	<u>Historic Preservation Agency</u>		
	<u>Air Pollution Control District (APCD).</u>		

14. Post-Closure Activities:

A. Will there be post-closure activities at this site? (e.g. Operation and Maintenance)

Yes _____ No X

If yes, describe: _____

B. Have post-closure plans been prepared and approved by DTSC?

Yes _____ No X

C. What is the estimated duration of post-closure (including operations and maintenance) activities? _____ years

D. Are deed restrictions proposed or in place? Yes _____ No X

If "yes", have deed restrictions been recorded with the County Recorder?

Yes _____ No _____ Date _____

If "no", who is responsible for assuring that the deed restrictions are recorded?

Who is the Division contact? Fred Rivera -IRP manager 760-339-2226
(Name/Phone Number)

E. Has cost recovery been initiated? Yes _____ No X

If yes, amount received \$ _____; _____ % of DTSC costs.

F. Were local planning agencies notified of the cleanup action? Yes _____ No ☒ X

15. Expenditure of Funds and Source:

(Information to be supplied by Toxic Accounting Unit.)

Funding Source and amount expended:

_____ HWCA \$ _____	_____ HSA \$ _____
_____ HSCF \$ _____	_____ RCRA \$ _____
_____ HSCF \$ _____	_____ RCRA \$ _____
_____ HSCF \$ _____	_____ RCRA \$ _____

☒ X Federal Cooperative Agreement \$ Not Available

16. Additional Comments: _____

